

AMENDMENT

In the Claims:

Please amend claims 38 and 47 as follows. All pending claims are presented below, with the status of each claim indicated. Currently amended claims are shown with additions underlined and deletions in ~~strikeout~~ text. No new matter is added by these amendments.

1- 37. (Cancelled)

38. (Currently Amended) An apparatus, comprising:

a stylus configured to be manipulated against a surface and configured to be held in a hand of a user;

a sensor configured to send sensor signals to a host computer based on a manipulation of the stylus against the surface; and

an actuator ~~coupled to~~ disposed within the stylus and configured to apply a haptic feedback from the stylus against the surface.

*C1
cont*
39. (Previously Presented) The apparatus of claim 38, wherein the actuator is configured to modify the length of the stylus.

40. (Previously Presented) The apparatus of claim 38, further comprising a power source disposed within the stylus.

41. (Previously Presented) The apparatus of claim 40, wherein the power source includes a battery.

42. (Previously Presented) The apparatus of claim 38, wherein the actuator is configured to produce a plurality of force sensations, the plurality of force sensations including a vibration, a jolt, and a texture.

43. (Previously Presented) The apparatus of claim 38, wherein the actuator includes a voice coil.

44. (Previously Presented) The apparatus of claim 38, wherein a tip portion of the stylus member includes a rotatable ball.

45. (Previously Presented) The apparatus of claim 44, wherein the actuator is configured to apply resistance against the rotatable ball.

46. (Previously Presented) The apparatus of claim 44, wherein the actuator is a solenoid.

47. (Currently Amended) The apparatus of claim 38, wherein the actuator is configured to vibrate at a high frequency.

48. (Currently Amended) The apparatus of claim 38, wherein the sensor is disposed within the surface.

49. (Previously Presented) An apparatus comprising:

a stylus;

a sensor in communication with a host computer, the sensor configured to detect a movement of the stylus; and

an actuator coupled to the stylus, the actuator configured to vibrate at a high frequency so that a modulated force is applied to the stylus.

50. (Previously Presented) The apparatus of claim 49, wherein the modulated force is applied to a rotating member of the stylus.

51. (Previously Presented) The apparatus of claim 50, wherein the rotating member is a rotatable ball against which the modulated force is applied.

52. (Previously Presented) The apparatus of claim 51, wherein the stylus is configured to be held in a hand.

53. (Previously Presented) The apparatus of claim 52, wherein a tip portion of the stylus includes the rotatable ball, the stylus configured to contact a surface by the rotatable ball of the stylus.

54. (Previously Presented) The apparatus of claim 52, wherein the actuator is a solenoid.

55. (Previously Presented) A method comprising:

sensing a movement of a stylus to produce a sensed signal;

sending a movement signal to a host computer based on the sensed signal; and

applying a modulated force from an actuator to the stylus in response to the movement signal, the modulated force being associated with a high-frequency vibration.

56. (Previously Presented) The method of claim 55, wherein the stylus is configured to be held in a hand and moved against a surface.

57. (Previously Presented) The method of claim 56, wherein the stylus member includes a rotatable ball in a tip portion of the stylus member, the actuator being configured to apply the modulated force to the rotatable ball while the stylus is disposed adjacent to the surface.